

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Daniel Iancu *et al.* Confirmation No.: TBA
Serial No.: To Be Assigned Art Unit: TBA
Filed: Herewith Examiner: TBA
For: **ORTHOGONAL FREQUENCY DIVISION MULTIPLEXING RECEIVER**

SUBMISSION UNDER 37 C.F.R. 1.56, 1.97 & 1.98
INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

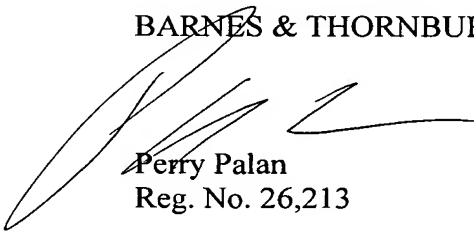
Sir:

To comply with the duty of disclosure set forth in 37 C.F.R. 1.56, the prior art listed on the attached PTO-1449 is submitted herewith to the Examiner for consideration in connection with the examination of the above-identified application.

The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Barnes & Thornburg LLP, Deposit Account No. 02-1010 (29083/44610).

Respectfully submitted,

BARNES & THORNBURG LLP


Perry Palan
Reg. No. 26,213

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| <p>FORM PTO-1449</p> <p style="text-align: center;">U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE</p> <p style="text-align: center;">LIST OF DOCUMENTS CITED BY APPLICANT (Use several sheets if necessary)</p> | <p>ATTY DOCKET NO. 29083/44610</p> <p>SERIAL NO. 10/574585</p> <p>APPLICANT Daniel Iancu et al.</p> <p>FILING DATE Herewith</p> <p>ART UNIT TBA</p> |
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U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|------------------|-----------------|--------------|---------|----------------|----------|----------------------------|
| | AA | 5,467,132 | 11/1995 | Fazel | | |
| | AB | 6,091,702 | 07/2000 | Saiki | | |
| | AC | 6,240,146 | 05/2001 | Stott et al. | | |
| | AD | 6,317,470 | 11/2001 | Kroeger et al. | | |
| | AE | 6,320,917 | 11/2001 | Stott et al. | | |
| | AF | 6,359,938 | 03/2001 | Keavill et al. | | |
| | AG | 6,687,315 | 02/2004 | Keavill et al. | | |
| | AH | 2001/0024475 | 09/2001 | Kumar | | |
| | AI | 2005/0069054 | 03/2005 | Zhidkov | | |
| | AJ | | | | | |
| | AK | | | | | |
| | AL | | | | | |
| | AM | | | | | |
| | AN | | | | | |
| | AO | | | | | |
| | AP | | | | | |
| | AQ | | | | | |
| | AR | | | | | |
| | BA | | | | | |
| | BB | | | | | |
| | BC | | | | | |

FOREIGN PATENT DOCUMENTS

| EXAMINER INITIAL | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
|------------------|-----------------|------|---------|-------|----------|-------------|----|
| | | | | | | Yes | No |
| | BD | | | | | | |
| | BE | | | | | | |
| | BF | | | | | | |
| | BG | | | | | | |
| | BH | | | | | | |
| | BI | | | | | | |

OTHER PRIOR ART (Including Author, Title, Date Pertinent Pages, Etc.)

| | | |
|--|----|---|
| | BJ | "Digital Video Broadcasting (DVB): Framing Structures, Channel Coding, and Modulation for Digital Terrestrial Television," ETSI EN 300 744 V1.4.1 (2001-01) |
| | BK | Glossner, J., et al., "Multi-Threaded Processor for Software-Defined Radio," Proceedings of the 2002 Software Defined Radio Technical Conference, 1: pp. 195-199, San Diego, CA, November 2002. |
| | BL | Surducun, E., et al., "Modified Printed Dipole Antennas for Wireless Multi-Band Communication Devices," <i>URSI EMTS Int. Sym. on Electromagnetic Theory</i> , pp. 161-163, Pisa, Italy, May 2004 |
| | BM | Glossner, J., et al., A Software Defined Communications Baseband Design," <i>IEEE Communications Magazine</i> , 41:1, pp. 120-128, January 2003 |
| | BN | Bolcskei, H., et al., "Impact of the Propagation Environment on the Performance of Space-Frequency Coded MIMO-OFDM," <i>IEEE J. on Sel. Areas in Comm.</i> , 21:3, April 2003 |
| | BO | Beng, Y.C., "Effects of Mutual Coupling in Small Dipole Array Antennas," MS Thesis, Naval Postgraduate School, Monterey, CA March 2002 |
| | BP | Van Nee, R. et al., "OFDM For Wireless Multimedia Communications," Artech House Publishers, 2000 |
| | BQ | Brigham, E.O., "The Fast Fourier Transform and its Applications," Prentice-Hall, Inc., 1998 |

EXAMINER:

DATE CONSIDERED:

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.